

CLAIMS

1. An improved structure for the compositely formed sound box made of plastic with a one-way opening. The intensified ribs and inlet components are installed inside the box. The main feature is the bubbled one-piece intensified soundproof layer installed inside the box. The intensified soundproof layer improves the hardness of sound box's structure, reduces the thickness of the shell, and upgrades the performance of soundproof at the same time.
2. An improved structure for the compositely formed sound box as stated in claim 1, wherein the sound box can be made in trapezoid shape. The intensified soundproof layer is made of PU and is of same height as the intensified ribs installed inside the box.
3. An improved structure for the compositely formed sound box as stated in claim 2, wherein the location of intensified soundproof layer varies as the rib's location changes.
4. An improved structure for the compositely formed sound box as stated in claim 2, wherein the intensified soundproof layer is located between the bottom and two third of the shell.